

should be forewarned of the danger of habit formation, unless they are better disciplined than I am. Not only does one thing lead to another, but one term leads to another—and another.

A not unimportant portion of the work is comprised of three appendixes: one dealing with Greek and Latin roots, one listing geographical terms adopted from languages ranging from Afrikaans to Welsh, and a third which outlines the terminology of the geological time scale (especially in reference to British, Northwest European, and North American nomenclature). Significant, too, in an early portion of the volume, is a listing of standard works which were consulted. Included are references to conventional dictionaries and encyclopedias, but, more significantly, there are references to some of the classics and neoclassics in the realm of geographical literature.

Those responsible for the volume do not pretend fullness, let alone repletion, of treatment of geographical terms. Rather, they admit insufficiencies and imperfections, and they invite criticisms and additions.

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Dielectrics

Digest of Literature on Dielectrics. vol. 23, 1959. Louis J. Frisco and Thomas D. Callinam, Eds. National Academy of Sciences-National Research Council, Washington, D.C., 1960. xiv + 423 pp. \$8.

A comprehensive digest of technical publications on the theory and applications of dielectrics and related subjects is prepared and published annually by the Digest Committee of the Conference on Electrical Insulation of the National Research Council. The 12 chapters of the 1959 digest, prepared by a group of 38 experts, cover all aspects of dielectrics and treat the subject from the viewpoint of the physicist, the chemist, and the engineer. Theoretical developments as well as progress in the discovery and application of dielectric materials are reviewed. The digest contains summaries and evaluations of technical advances which are described in periodicals and books published during 1959.

New Books

Biological and Medical Sciences

The Arthropod Parasites of Vertebrates in Africa South of the Sahara (Ethiopian Region). vol. 1, *Chelicerata*. F. Zumpt, Ed. South African Inst. for Medical Research, Johannesburg, S.A., 1961. 457 pp. Illus. R. 6.

Bioelectricity. E. E. Suckling. McGraw-Hill, New York, 1961. 244 pp. Illus. \$8.75.

Chromatographic Reviews. Progress in chromatography, electrophoresis, and related methods. vol. 3. Michael Lederer, Ed. Elsevier, Amsterdam, 1961 (order from Van Nostrand, Princeton, N.J.). 192 pp. Illus.

Kenya Trees and Shrubs. Ivan R. Dale and P. J. Greenway. Published by authority of the Government of the Colony and Protectorate of Kenya. Hatchards, London, 1961. 671 pp. Illus. \$17.50.

Man, Time, and Fossils. The story of evolution. Ruth Moore. Knopf, New York, ed. 2, 1961. 467 pp. Illus. \$6.95.

On Growth and Form. D'Arcy Wentworth Thompson. John Tyler Bonner, Ed. Cambridge Univ. Press, New York, 1961. 360 pp. Illus. \$5.95.

General

Computers and Common Sense. The myth of thinking machines. Mortimer Taube. Columbia Univ. Press, New York, 1961. 141 pp. \$3.75.

The Evolution of Civilizations. Carroll Quigley. Macmillan, New York, 1961. 291 pp. Illus. \$5.95.

Four Studies of War and Peace in This Century. W. K. Hancock. Cambridge Univ. Press, New York, 1961. 136 pp. \$3.75.

This Crowded Planet. Margaret O. Hyde. McGraw-Hill, New York, 1961. 159 pp. Illus. \$3 (juvenile book).

Time and the Physical World. Richard Schlegel. Michigan State Univ. Press, East Lansing, 1961. 223 pp. Illus. \$7.50.

Transactions of the Newcomen Society. vol. 31, 1957-1958 and 1958-1959. Heffer, London, 1961. 373 pp. Illus. + 39 plates. 50s.

The Two Netherlanders, Humphrey Bradley and Cornelis Drebbel. L. E. Harris. Heffer, London, 1961. 227 pp. Illus. 44s.

Mathematics, Physical Sciences, and Engineering

Advances in Electronics and Electron Physics. vol. 15. L. Marton, Ed. Academic Press, New York, 1961. 422 pp. Illus. \$13.

Annual Review of Nuclear Science. vol. 11. E. Segre, Ed. Annual Reviews, Palo Alto, Calif., 1961. 520 pp. Illus. \$7.

Basic Principles of the Tracer Method. Introduction to mathematical tracer kinetics. C. W. Shepard. Wiley, New York, 1962. 300 pp. Illus. \$8.

Chemical Reactions in the Lower and Upper Atmosphere. Interscience, New York, 1961. 400 pp. Illus. \$14.

The Geology of Queensland. D. Hill and A. K. Denmead, Eds. Melbourne

Univ. Press, Melbourne, Australia, 1961. 444 pp. Illus. + plates.

Mechanical Properties of Engineering Ceramics. W. W. Krieger and H. Palmour, III, Eds. Interscience, New York, 1961. 661 pp. Illus. \$21.

Molecular Orbital Theory for Organic Chemists. A. Streitwieser, Jr. Wiley, New York, 1961. 505 pp. Illus. \$14.50.

Oeuvres Scientifiques Complètes. Frédéric and Irène Joliot-Curie. Presses Universitaires de France, Paris, 1961. 915 pp. Illus.

Photogeology. V. C. Miller. McGraw-Hill, New York, 1961. 255 pp. Illus. \$13.50.

Photometric Titrations. J. B. Headridge. Pergamon, New York, 1961. 141 pp. Illus. \$7.50.

Praktische Mathematik für Ingenieure und Physiker. R. Zurmühl, Ed. Springer, Berlin, 1961. 564 pp. Illus. DM. 29.40.

Quantum Theory. vol. 2, *Aggregates of Particles* (486 pp. \$11). vol. 3, *Radiation and High Energy Physics* (413 pp. \$10). D. R. Bates, Ed. Academic Press, New York, 1962. Illus.

Random Processes. M. Rosenblatt. Oxford Univ. Press, New York, 1962. 218 pp. \$6.

Rockets and Your Future. Stanley Beitler. Harper, New York, 1961. 154 pp. Illus. \$3.50.

Roger Joseph Boscovich. Studies of his life and work on the 250th anniversary of his birth. Lancelot Law Whyte, Ed. Allen and Unwin, London, 1961. 230 pp. Illus. 32s.

Vector Mechanics for Engineers. pt. 1, *Statistics*. H. R. Nara, Ed. Wiley, New York, 1962. 467 pp. Illus. \$6.50.

Reprints

Mechanics. J. P. Den Hartog. Dover, New York, 1961. 471 pp. Illus. \$2.

Modern Theories of Integration. H. Kestelman. Dover, New York, 1960. 318 pp. \$2.

The Principles of Chemical Equilibrium. Kenneth Denbigh. Cambridge Univ. Press, New York, 1961. 512 pp. Illus. \$2.95.

Science and Music. Sir James Jeans. Cambridge Univ. Press, New York, 1961. 258 pp. Illus. \$1.95.

The Scientific Papers of J. Willard Gibbs. vol. 1, *Thermodynamics*. 460 pp. vol. 2, *Dynamics, Vector Analysis and Multiple Algebra, Electromagnetic Theory of Light*. 292 pp. Dover, New York, 1961. Illus. \$2 each.

The Story of X-Rays from Röntgen to Isotopes. Alan Ralph Bleich. Dover, New York, 1960. 200 pp. Illus. \$1.35.

Strength of Materials. J. P. Den Hartog. Dover, New York, 1961. 331 pp. Illus. \$1.95.

Supersonic Aerodynamics. Edward R. C. Miles. Dover, New York, 1961. 266 pp. Illus. \$1.45.

A Treatise on Hydrodynamics. vol. 1, 276 pp. vol. 2, 343 pp. A. B. Bassett. Dover, New York, 1961. Illus. \$1.75 each.

Vector Analysis. Edwin Bidwell Wilson. Dover, New York, 1960. 454 pp. Illus. \$2.